

Fig.1a.

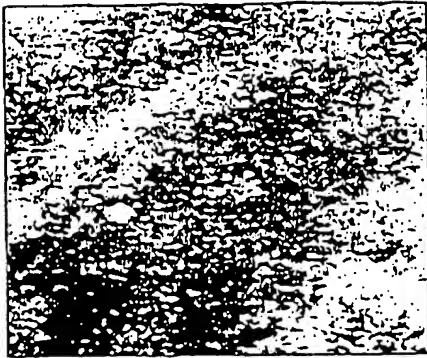


Fig.1b.

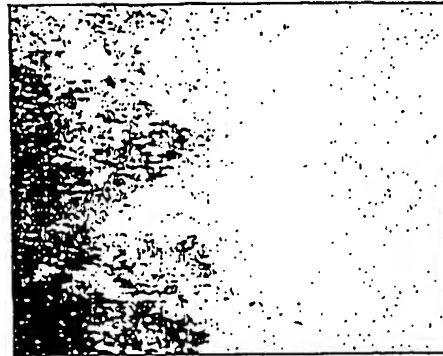


Fig.1c.

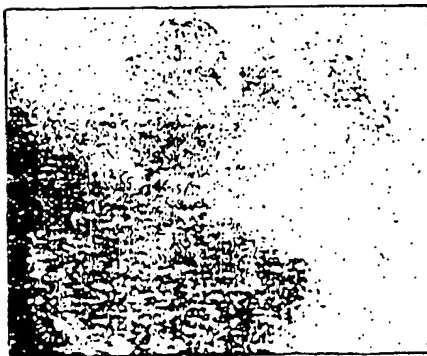
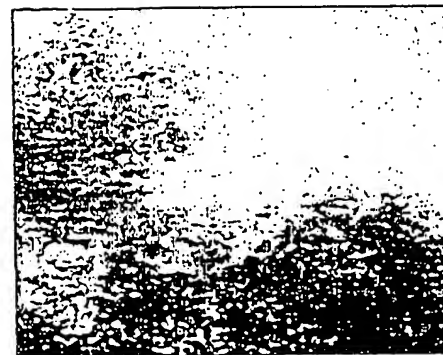
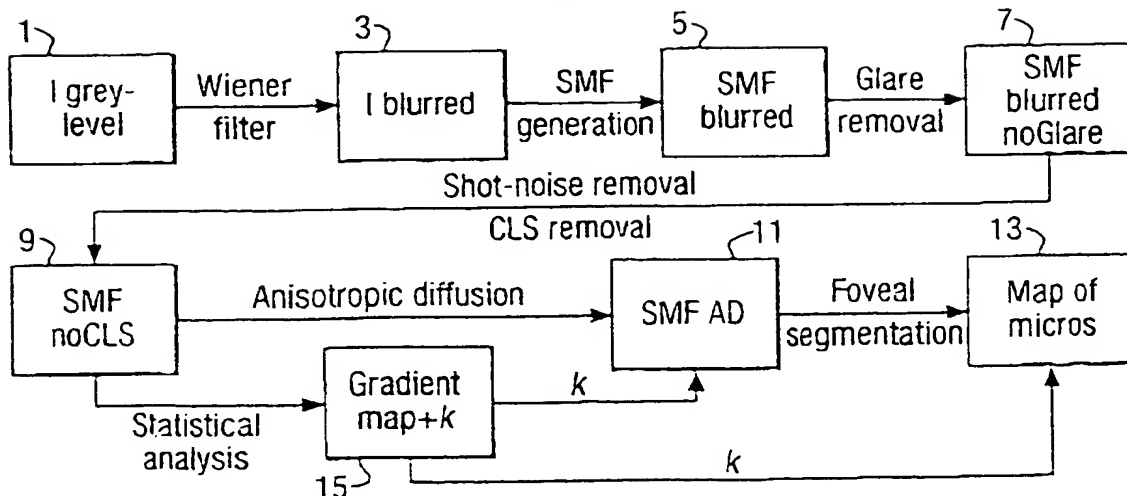


Fig.1d.



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Fig.4.



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Fig.2a.

Mammogram presenting a lump.

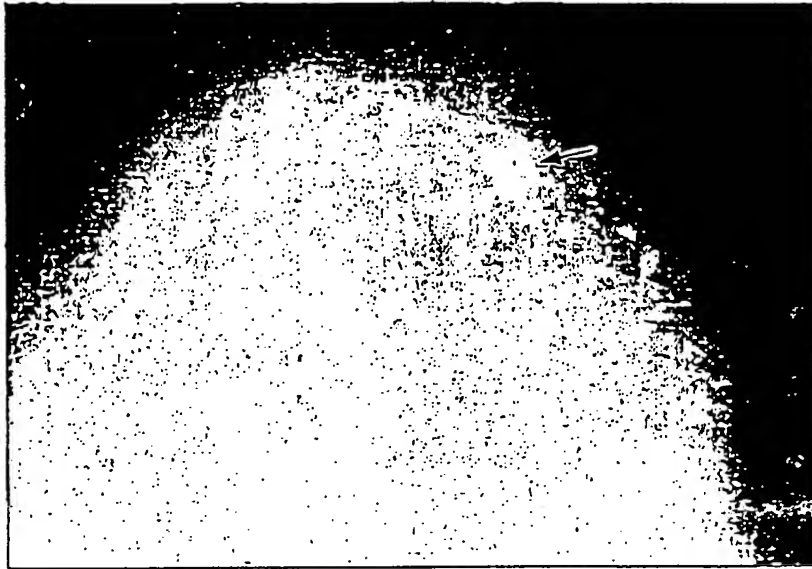
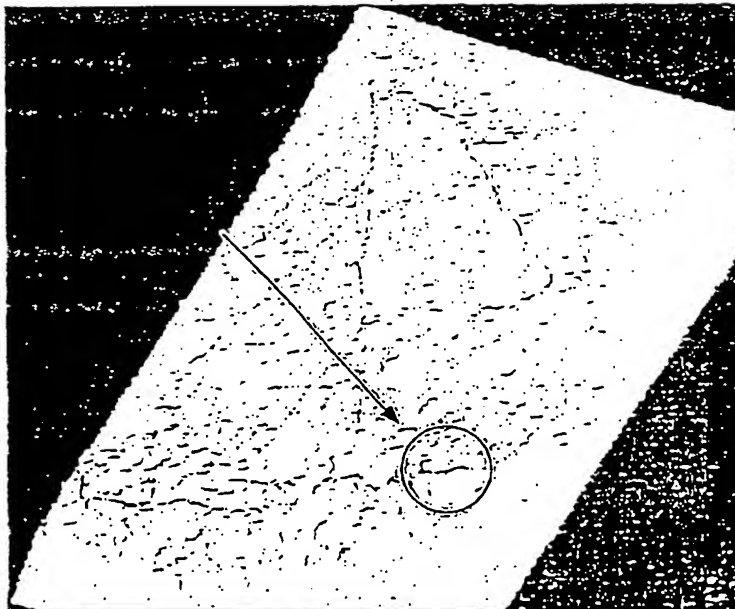


Fig.2b.

The SMF that is generated from the previous mammogram.

The ducts become ridges, and the mass a mountainous area.



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Fig.3b.

SMF of the breast

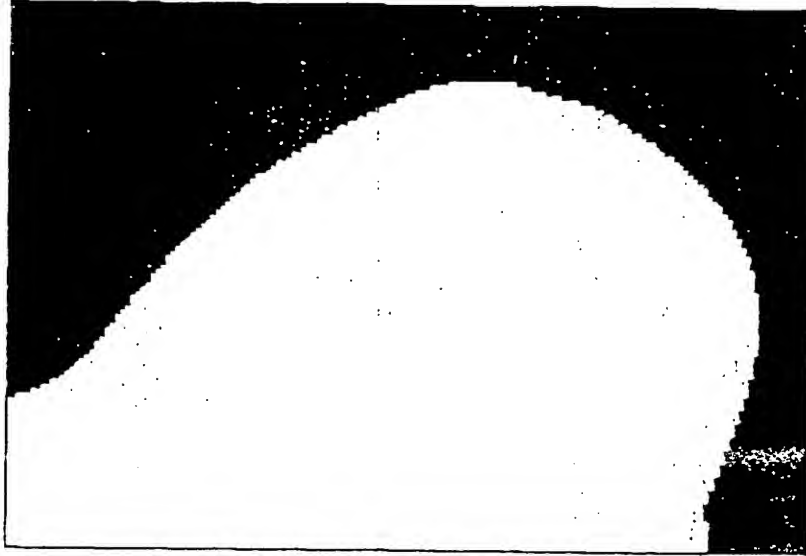


Fig.3a.

Original Mammogram



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Fig.5a.



Fig.5b.

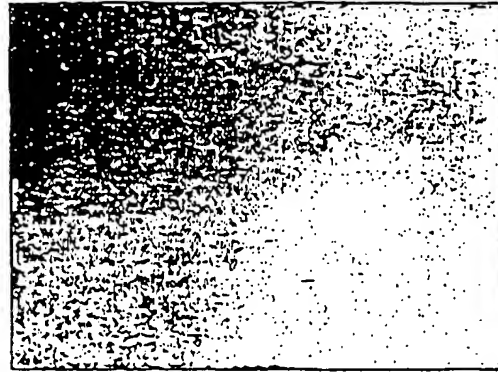


Fig.6a.

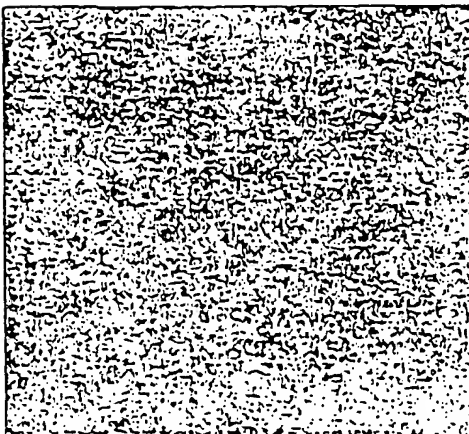
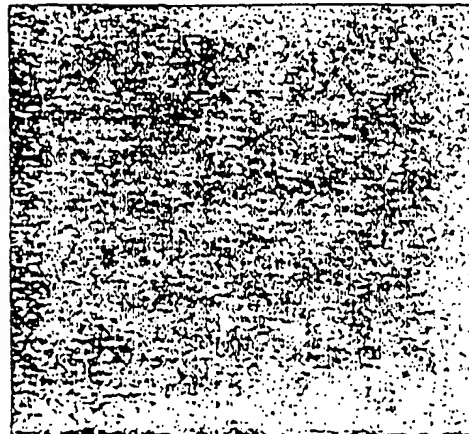


Fig.6b.



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Fig.6c.

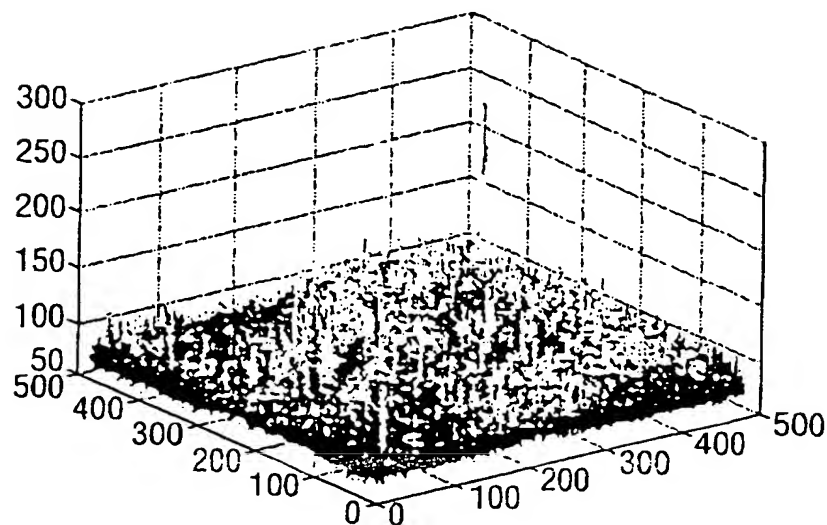
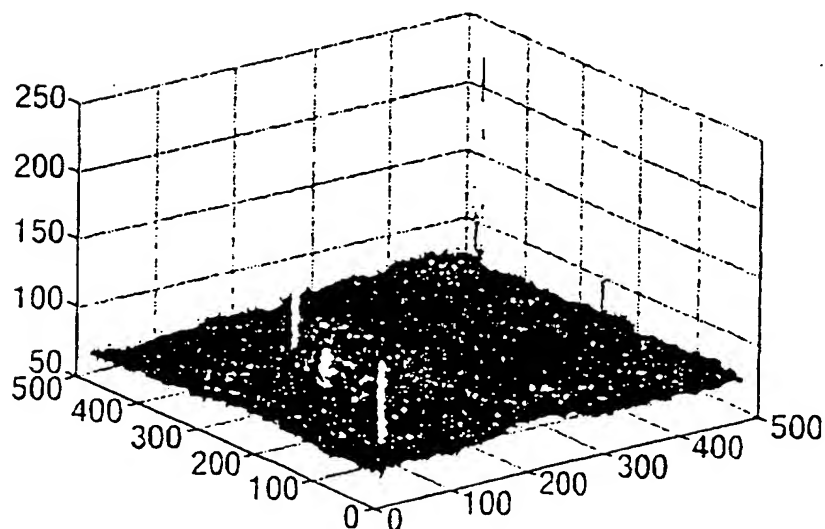


Fig.6d.



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Fig.7a.

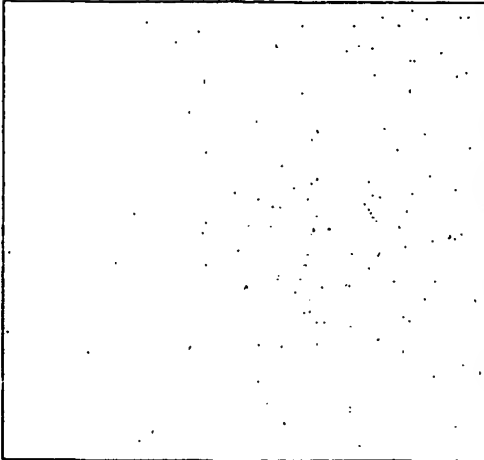


Fig.7b.

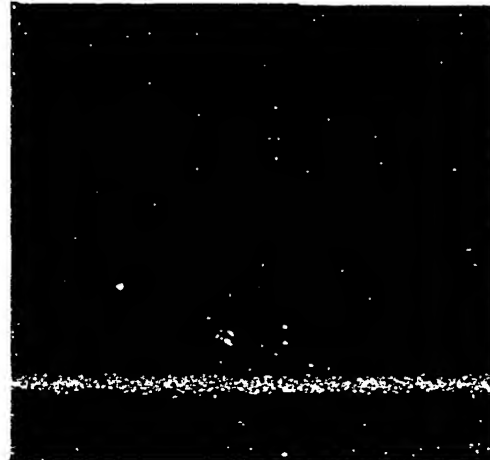


Fig.7c.

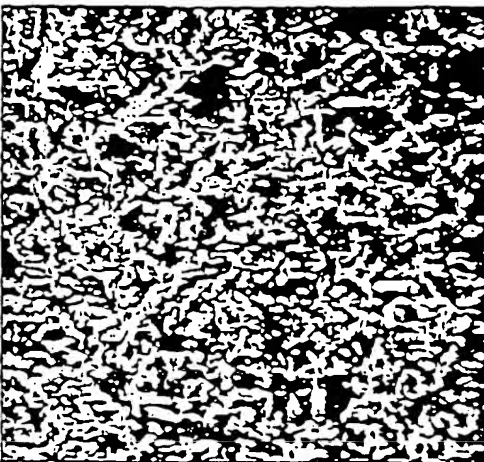


Fig.7d.

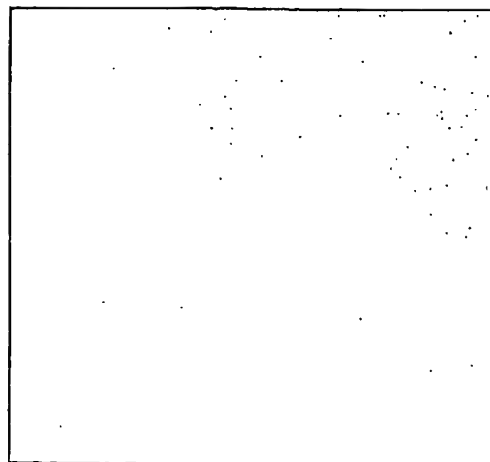
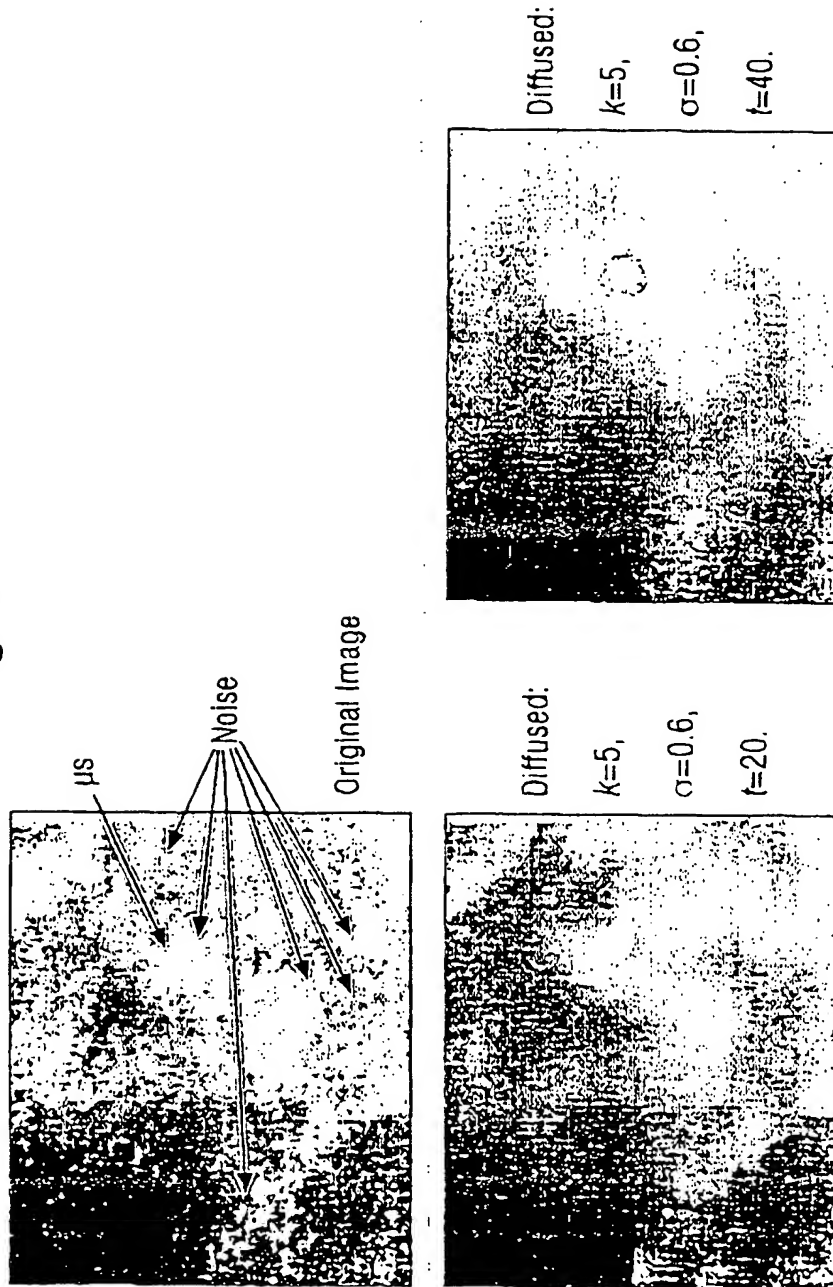


Fig. 8.



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Fig.9a.

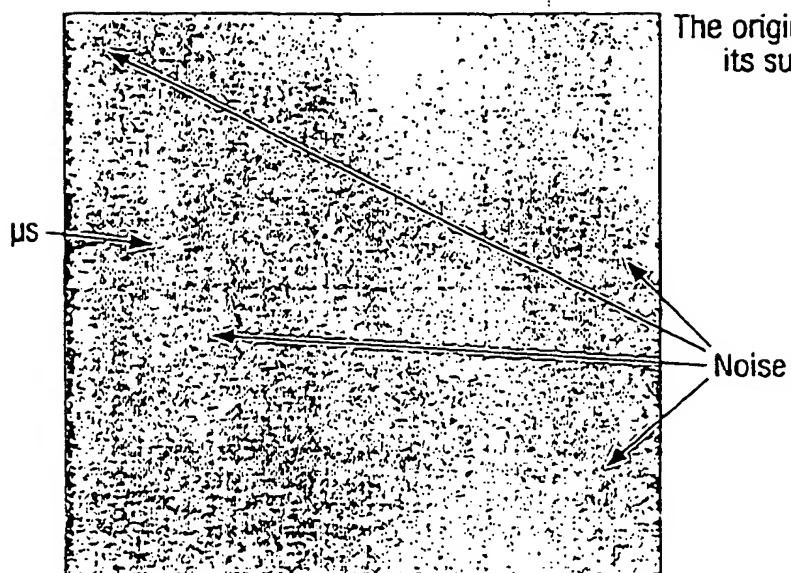
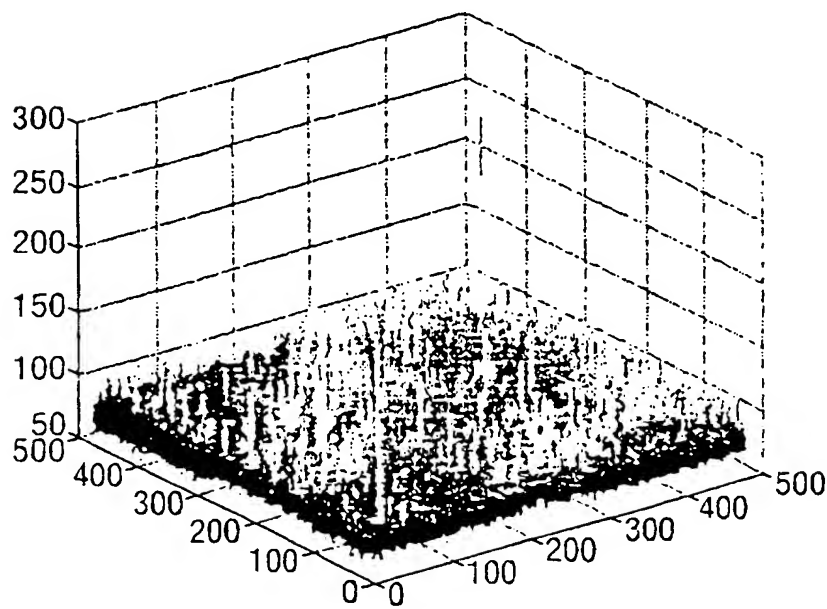
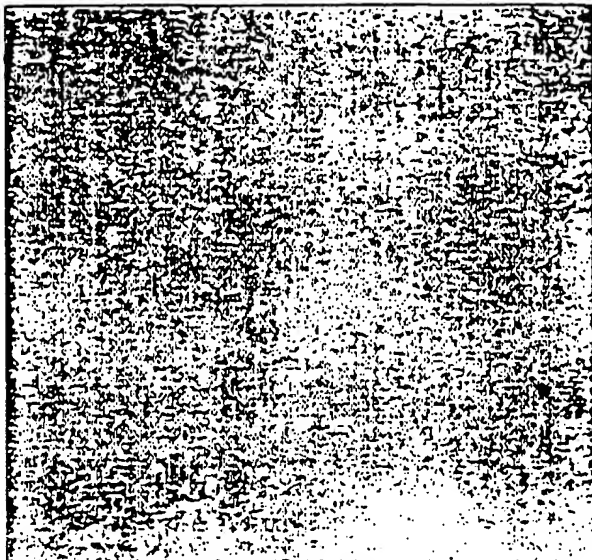


Fig.9b.



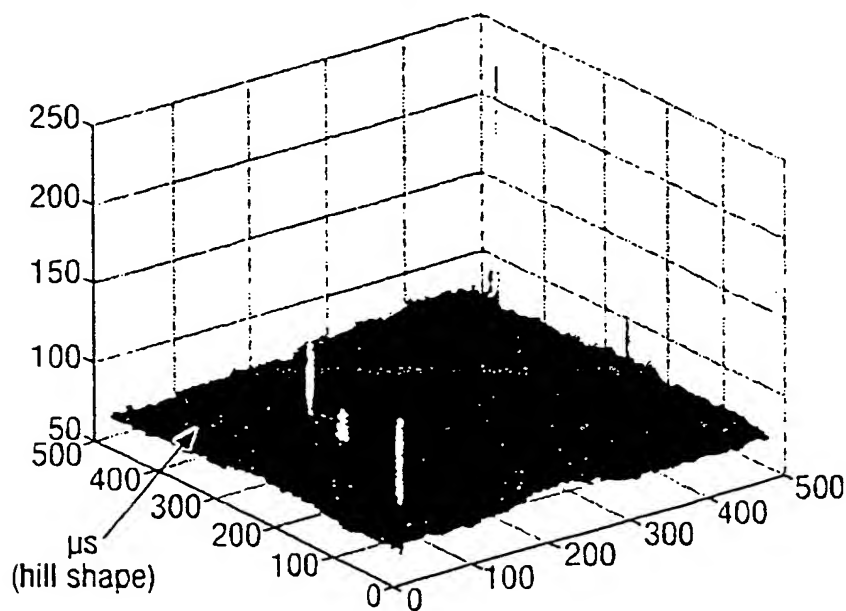
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Fig.9c.



The diffused SMF with $k=15$,
 $\sigma=0.6$ and $t=5$ and its
corresponding surface plot; Fig.9d.

Fig.9d.



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Fig.10a.

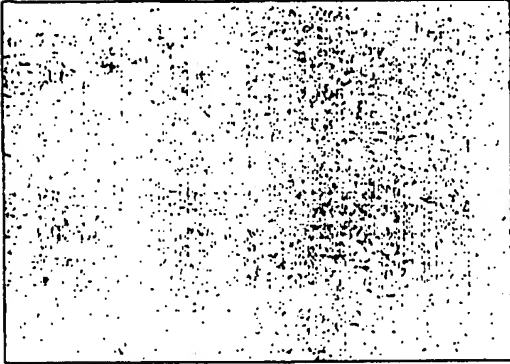


Fig.10b.

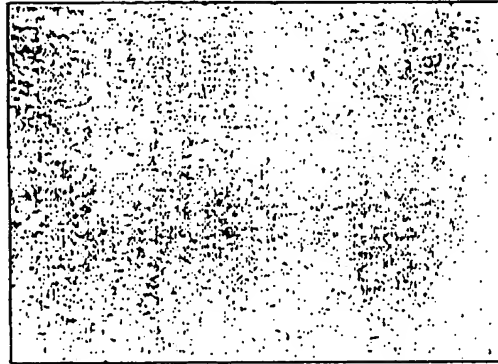


Fig.10c.

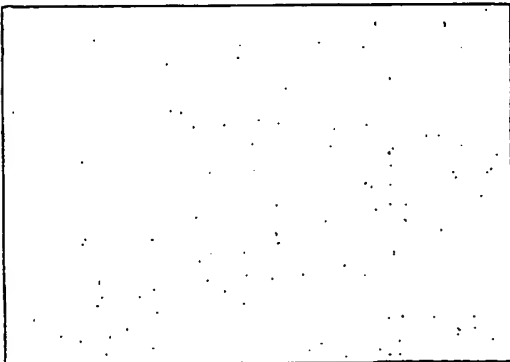


Fig.10d.

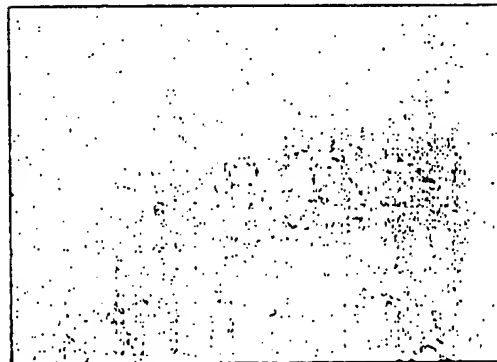


Fig.10e.

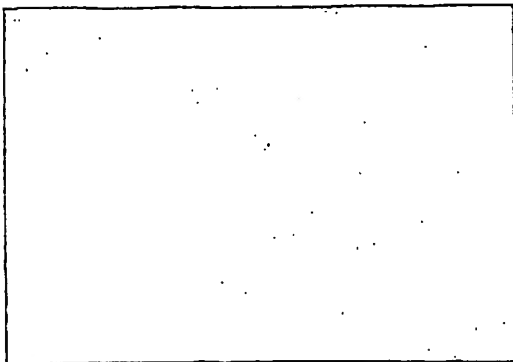
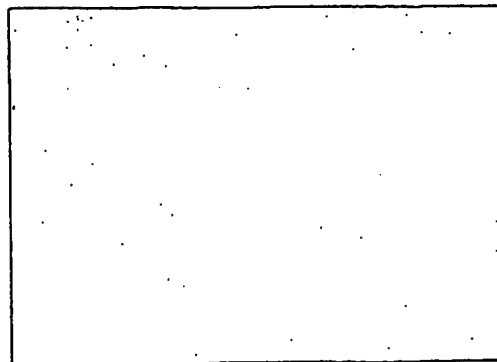


Fig.10f.



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Fig.11a.

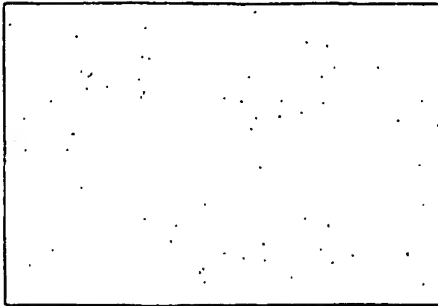


Fig.11b.

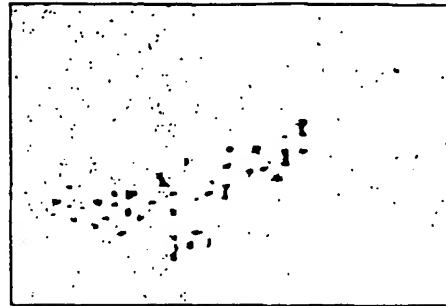


Fig.11c.



Fig.11d.

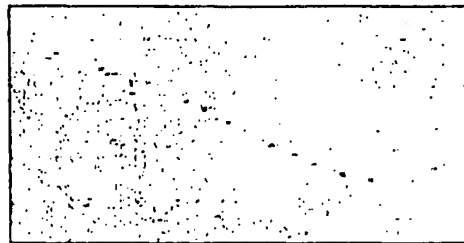


Fig.11e.

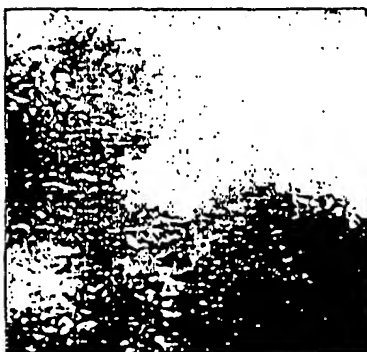
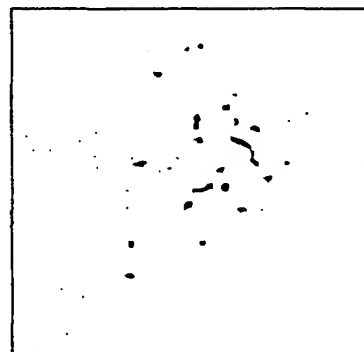


Fig.11f.



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Fig.11g.

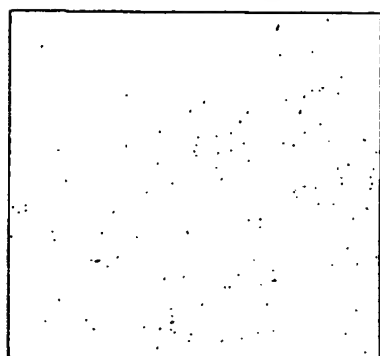


Fig.11h.

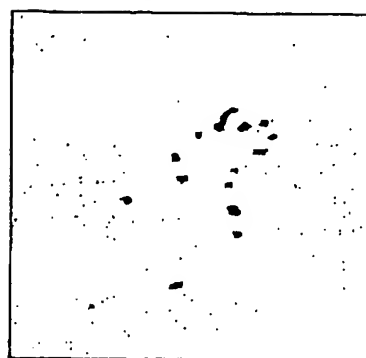


Fig.11i.

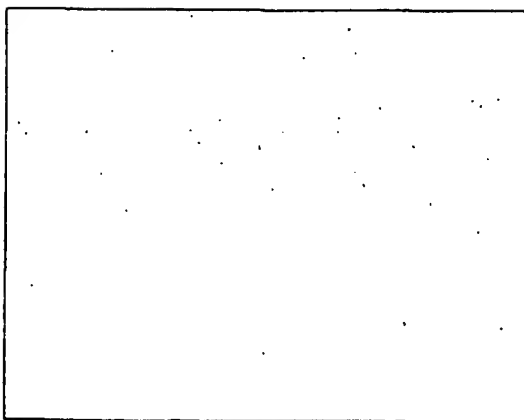
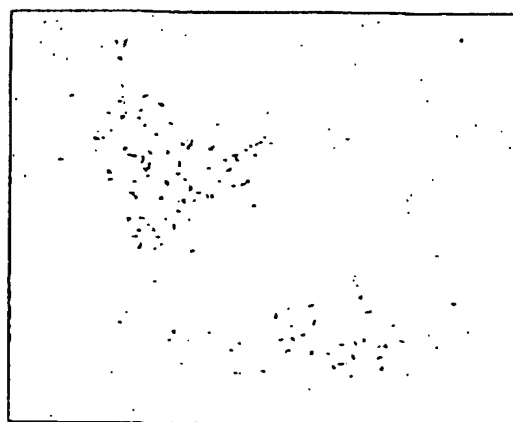


Fig.11j.



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